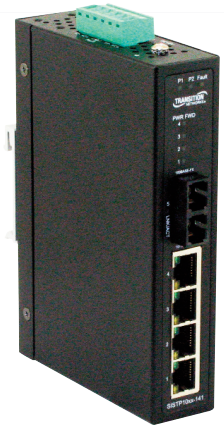
AUTO NEG AUTO CROSS

Industrial Power-over-Ethernet (PoE) Switch 10/100BASE-TX to 100BASE-FX Unmanaged

Industrial

SISTP10xx-141-LRT

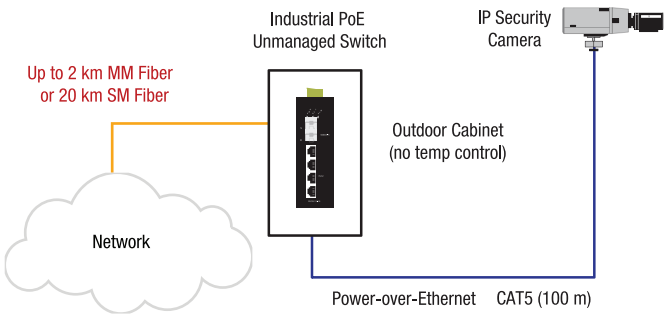
10/100Base-TX to 100Base-FX Unmanaged
(4) 10/100Base-TX PoE ports to (1) 100Base-FX Port



Features

- Auto-Negotiation
- AutoCross™
- Full Wire Speed Performance with 1Gbps Backplane
- 4-port integrated PoE injector with full 15.4 Watts per port on data pairs
- IEEE 802.3af Power-over-Ethernet Compliant
- Extended (-40°C to 65°C) operating temperature
- Dry Contact Relay Alarm Output
- Dual, Redundant 48V DC Power Inputs
- Reverse Polarity Power Input Protection
- Overload Current Protection
- DIN Rail Mounting and Wall Mount Brackets Included
- Barrel Connector

PoE to Remotely Located Devices in Harsh Environments



Specifications

Standards	IEEE 802.3, IEEE 802.3af, IEEE 802.3u, IEEE 802.3x
Data Rate	**Copper:** 10/100Mbps **Fiber:** 100Mbps
Filtering Addresses	1K MAC Addresses
Back Plane	1.0Gbps
Status LEDs	**PWR 1 (Power):** ON = primary power connected **PWR 2 (Power):** ON = backup power connected **FAULT:** ON = power input failure on PWR1 or PWR2 **PWR FWD (ports 1-4):** ON = PoE power output **LNK/ACT (ports 1-5):** ON = Link; FLASHING = data transmitting **FDX/COL (ports 1-4):** ON = Full duplex mode; FLASHING = collisions occuring
Dimensions	**Width**: 1.2" [30 mm] **Depth**: 3.7" [95 mm] **Height**: 5.5" [140 mm]
Ingress Protection	IP30
Input Power	48 VDC; redundant inputs
Power Consumption	4.6 Watts (without PoE); 66 Watts (Full load with PoE)
Environment Compliance	-40 to +65°C Ext. operating temp. 5%– 95% humidity non-condensing 0 – 10,000 ft. altitude -40 to +85°C storage temp.
Shipping Weight	1.4 lbs. [0.64 kg]
Safety	UL, cUL, CE/EN60950-1
EMI	CISPR22/EN55022; EN60950 Class A; FCC Class A; CE Mark;CE EN61000-4-2; CE EN61000-4-3; CE EN-61000-4-4; CE EN61000-4-5; CE EN61000-4-6; CE EN61000-4-8; CE EN61000-4-11; CE EN61000-4-12; CE EN61000-6-2; CE EN61000-6-4
Environmental	IEC60068-2-32 (Free fall); IEC60068-2-27 (Shock); IEC60068-2-6 (Vibration)
Warranty	Lifetime

Ordering Info

Extended Operating Temperature: -40°C to +65°C

SISTP1011-141-LRT
(4) 10/100BASE-TX (RJ-45) **[100 m/328 ft.]**
to 100BASE-FX 1300nm MM (ST) **[2 km/ 1.2 mi.] Link Budget: 11.0 dB**

SISTP1013-141-LRT
(4) 10/100BASE-TX (RJ-45) **[100 m/328 ft.]**
to 100BASE-FX 1300nm MM (SC) **[2 km/ 1.2 mi.] Link Budget: 11.0 dB**

SISTP1014-141-LRT
(4) 10/100BASE-TX (RJ-45) **[100 m/328 ft.]**
to 100BASE-FX 1310nm SM (SC) **[20 km/12.4 mi.] Link Budget: 17.0 dB**

Optional Accessories
(sold separately)

Industrial Power Supply:

25080
48 VDC Industrial Power Supply

Transition's Industrial PoE switches are Power Sourcing Equipment (PSE) devices that comply with the IEEE802.3af 2003 standard and combine data received over a fiber optic link with -48VDC power; providing power to Powered Devices (PD) over unshielded twisted pair cabling. These Industrial PoE Switches are hardened devices designed to reliably operate in harsh environments such as those found on factory floors, outdoor enclosures or other hazardous environments while providing all the benefits of PoE power.

TRANSITION NETWORKS®

Transition Networks, Inc.
Worldwide Headquarters:
10900 Red Circle Drive
Minnetonka, MN 55343 USA

tel: 952.941.7600 / 800.526.9267
fax: 952.941.2322
info@transition.com
http://www.transition.com

©2010 Transition Networks, Inc.
All trade marks are the property of their respective owners.
Technical information is subject to change without notice.